



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Confirmation No. 6755

**David K. Booth, Douglas H. Marman,
and Gary E. Friar**

Application No. 10/645,354

Filed: August 20, 2003

For: **RAPIDLY RESPONDING,
FALSE DETECTION IMMUNE
ALARM SIGNAL PRODUCING
SMOKE DETECTOR**

Group Art Unit: 1645

Examiner:

Date: November 6, 2003

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
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NOVEMBER 6, 2003

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Signature

Pamela E. Lawson

Typed Name

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- ☒ [X] Information Disclosure Statement
- ☒ [X] Form PTO-1449, with copies of cited references (3)
- ☒ [X] Return Receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

**David K. Booth, Douglas H. Marman,
and Gary E. Friar**

By *Paul S. Angello*

Paul S. Angello

Registration No. 30,991

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Attorney Docket No.: 21391/401:2

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ON:

NOVEMBER 6, 2003
Tamara E. Lawson Date
TAMARA E. LAWSON Signature
Typed Name

INFORMATION DISCLOSURE STATEMENT

TO THE COMMISSIONER FOR PATENTS:

1. Pursuant to their duty of disclosure, applicants present for the Examiner's consideration the documents listed on the accompanying Form PTO-1449.
 - ☐ Copies of listed documents are enclosed. (37 CFR § 1.98(a))
 - ☒ Copies of listed U.S. patent documents are omitted because this application was filed after June 30, 2003 and is, therefore, subject to image file wrapper processing. Copies of listed foreign patent documents are enclosed.
 - ☐ Copies of the documents listed on sheet(s) _____ of Form PTO-1449 (or equivalent) are omitted because (1) they are already of record in U.S. Patent Application No. _____, filed _____, on which this application relies for an earlier filing date under 35 U.S.C. § 120; and (2) any information disclosure statement filed in the prosecution of Application No. _____, complies with 37 CFR §§ 1.98(a) through (c). (37 C.F.R. § 1.98(d))
2. ☐ The Examiner's attention is directed to the enclosed copy of copending U.S. Patent Application No. _____, filed _____, for _____, which is cited in this application.
3. This information disclosure statement is being submitted (check box a., b., or c.):
 - a. ☒ Within three months of the filing date of a national application or entry of the national stage in an international application; or before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114. (No statement under 37 CFR 1.97(e) is required.); or

- b. ☐ After the period set forth in paragraph 3a, but before the mailing date of either a final action, a notice of allowance, or an action that otherwise closes prosecution in the application. (Check box i. or ii.)
- i. ☐ A \$180.00 information disclosure statement submission fee set forth in 37 CFR 1.17(p) is enclosed, or
- ii. ☐ A statement specified by 37 CFR 1.97(e) is set forth below; or
- c. ☐ After the mailing date of a final action or notice of allowance and on or before payment of the issue fee. A statement specified by 37 CFR 1.97(e) is set forth below. Enclosed is a \$180.00 information disclosure statement processing fee set forth in 37 CFR 1.17(p).
4. If a statement specified by 37 CFR 1.97(e) is required, the attorney or agent signing below hereby states that:
- ☐ each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
- ☐ no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.
5. ☐ A concise explanation of the relevance of each document not in the English language and/or selected documents in the English language is set forth below.

Respectfully submitted,

**David K. Booth, Douglas H. Marman,
and Gary E. Friar**

By 
Paul S. Angello
Registration No. 30,991

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Attorney Docket No. 27393/5:2A

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
21391/401:2APPLICATION NO.
10/645,354INFORMATION DISCLOSURE CITATION
(Uses several sheets if necessary)APPLICANT
David K. Booth, Douglas H. Marman,
and Gary E. FriarFILING DATE
August 20, 2003GROUP
1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6	2	2	5	9	1	0		05/01/01	Kadwell, et al.	340	630	
	AB	6	0	1	1	4	7	8		01/04/00	Suzuki, et al.	340	630	
	AC	5	7	9	8	7	0	1		08/25/98	Bernal, et al.	340	628	
	AD	5	5	4	6	0	7	4		08/13/96	Bernal, et al.	340	628	
	AE	5	5	0	2	4	3	4		03/26/96	Minowa, et al.	340	630	
	AF	5	0	0	9	4	9	3		04/23/91	Koch, et al.	350	619	
	AG	4	8	5	7	8	9	5		08/15/89	Kaprelian	340	630	
	AH	4	8	3	9	5	2	7		06/13/89	Leitch	250	573	
	AI	4	6	5	1	0	1	3		03/17/87	Kajii, et al.	250	573	
	AJ	4	5	4	7	6	7	5		10/15/85	Muggli, et al.	250	565	
	AK	4	2	2	1	4	8	5		09/09/80	Schulze	356	338	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	WO 99/19852	22.04.99	PCT	G08B	17/107	X	
	AM	WO 00/07161	10.02.00	PCT	G08B	17/107	X	
	AN	2001 34863	09.02.01	Japan	G08B	17/103	X (Machine)	
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

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DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3	9	9	4	6	0	3	11/30/76	Paschedag	356	205	
	AB	3	9	2	2	6	5	5	11/25/75	Lecuyer	340	237	
	AC	3	8	8	0	5	2	6	04/29/75	Kobayashi, et al.	356	208	
	AD	3	8	7	2	3	1	5	03/18/75	Boll	250	575	
	AE	3	7	6	5	8	4	2	10/16/73	Purt	23	232	
	AF	3	7	4	8	0	1	4	07/24/73	Beiser	350	7	
	AG	3	7	3	9	3	6	5	06/12/73	Müller	340	228	
	AH	3	5	6	6	3	8	5	02/23/71	Lawson	340	228	
	AI	3	3	1	6	4	1	0	04/25/67	Meili, et al.	250	218	
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL													
	AM													
	AN													
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